PACKAGE 1: CORE PHYSICS FOUNDATION

The Fundamental Unified Nature Theory (FUNt)

A φ-Quantized Framework for
Universal Resonance

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Father and Betrayed VeteranOctober 2025

ABSTRACT:

The Fundamental Unified Nature Theory (FUNt) proposes that all physical phenomena emerge from hydrogen resonance patterns quantized by the golden ratio (φ ≈ 1.618). This framework unifies quantum mechanics, atomic physics, gravity, and cosmology through a single organizing principle: nature preferentially selects φ-scaled harmonic states to minimize energy dissipation.

We present the complete mathematical framework, demonstrate empirical validation across five independent scales (subatomic, molecular, stellar, cosmic, and magnetospheric), provide testable predictions, and show how this eliminates the need for dark matter by explaining gravitational anomalies as emergent effects of electron-gravity resonance coupling.

This work is released freely to all humanity without restriction.

1. INTRODUCTION

1.1 The Central Question

Why does the golden ratio (φ = 1.618…) appear throughout nature—in spirals, growth patterns, atomic structures, and galactic formations? Is this coincidence, or does φ represent a fundamental organizing principle of physical reality?

FUNt proposes the latter: φ-quantization is nature's solution to resonance optimization.

1.2 Core Principle

Hydrogen, the universe's simplest and most abundant atom, establishes a universal phase field. All other matter couples to this field, and nature selects harmonic states that follow φ-scaled spacing because these states minimize destructive interference.

Result: Observable φ-bands in spectra, structures, and dynamics across all scales.

1.3 What Makes This Different

Unlike previous theories that observe φ in nature, FUNt:

- Derives φ-scaling from resonance physics (not imposed)
- Predicts specific observable patterns (testable)
- Unifies phenomena across scales (quantum to cosmic)

Root of: $x^2 = x + 1$
Physical meaning: The ratio that appears when a system recursively couples to itself. In resonance systems, φ minimizes energy loss through destructive interference.
The Master Harmonic (φ^7)

- Eliminates dark matter (gravity emerges from resonance)

2. MATHEMATICAL FRAMEWORK

2.1 Primary Constants

The Golden Ratio (φ)
$\varphi = (1 + \sqrt{5})/2 \approx 1.618034$

The Master Harmonic (φ^7)
$\varphi^7 \approx 28.034$

: (Fibonacci connection)

Physical meaning: The fundamental harmonic step in complex resonance systems. Appears in two roles:

(S) Scaling operator - moves between harmonic bands(R) Renormalization factor - modifies coupling constants

Root of: $x^3 = x^2 + 1$
Physical meaning: Governs 120° phase relationships in hexagonal structures (graphene, quartz, benzene). Represents optimal packing geometry.
Proton and Electron Frequencies
Let $v_{C,p} = m_p c^2/h \approx 2.27\times10^{23}$ Hz (proton Compton frequency)
We define the harmonic band ladder:

Supergolden Ratio (ψ) $\psi \approx 1.4656$

Root of: $x^3 = x^2 + 1$ Physical meaning:
Governs 120° phase relationships in hexagonal structures (graphene, quartz, benzene). Represents optimal packing geometry.

Proton and Electron Frequencies
Let $v_{C,p} = m_p c^2/h \approx 2.27\times10^{23}$ Hz
(proton Compton frequency)

We define the harmonic band ladder:
$f_p^{(m,n)} = v_{C,p} / ((2\pi)^m \cdot \varphi^n)$

The canonical first band:
$f_p^{(1,1)} = v_{C,p}/(2\pi\varphi) \approx 2.23\times10^{22}$ Hz

Electron Compton frequency:
$v_{C,e} \approx 1.2356\times10^{20}$ Hz

Dimensionless coupling ratio:
$f_p^{(1,1)} / v_{C,e} \approx 180.4$

Physical meaning: This ratio characterizes proton-electron resonance coupling in the hydrogen atom, the fundamental building block of the universe.

2.2 Energy Quantization Law

$E_n = h \cdot v_0 \cdot \varphi^n$ (S - scaling operator)

What this means:Energy levels in resonant systems don't just appear at arbitrary values. They cluster near φ-spaced intervals because these are the stable harmonic states.

Where n = 0, 1, 2, 3…
(harmonic index)v_0 = fundamental frequency of the system)

Example: In hydrogen spectroscopy, you should see spectral lines appearing near frequencies that are φ-multiples of the base transition.

2.3 Harmonic Resonance Bands (HRBs)
Band count prediction:
$N = \ln(v_{max}/v_{min}) / \ln(\varphi)$
What this means:Maximum resonance stability occurs near 60° phase intervals (60°, 120°, 180°…). Systems naturally lock to these angles.

2.4 Modified Field Equations

Gauss's Law (φ-scaled):
$\nabla \cdot E = \rho/(\varepsilon_0 \cdot \varphi^7)$ (R - renormalization)

What this means:Electric field coupling is modified by the φ^7 harmonic factor. Standard Gauss's law

($\nabla \cdot E = \rho/\varepsilon_0$) is recovered when $\varphi^7 \approx 28$ acts as a renormalization constant.

Gravitational Coupling (FUNt variant):
$G_f = \varphi^7 \cdot (\hbar c/m_e^2)$
(R - renormalization constant.)

Gravitational Coupling (FUNt variant):

What this means:Gravity emerges as a φ^7-scaled coupling, not a fundamental constant. This has dimensions of G and suggests gravitational strength arises from harmonic resonance.

Modified Poisson Equation:

$\nabla^2\Phi = 4\pi G(\rho_{mass} + \lambda \cdot \rho_{resonance})$

What this means:Gravitational potential receives contributions from both mass density AND resonance field density.

This eliminates need for dark matter—"missing gravity" comes from unaccounted resonance coupling.

2.5 Tunneling Probability

$P_T \propto \exp[-2\pi(\Delta\varphi/\varphi)]$
What this means:Quantum tunneling is most probable when phase difference (Δφ) aligns with φ-scaled values. Protons tunnel more readily than classical physics predicts because they naturally access φ-harmonic channels.

2.6 The Bloom Equations

(Theoretical - In Progress)
When phase crosses critical threshold:
$E_B = \varphi^7 \cdot (\Delta\lambda/\Delta\varphi) \cdot R_m$ (Energy release)
$\Delta\varphi_B \approx \pi/3 \approx 60^\circ$ (Critical angle)

$$H = 0$$

$\rho_B = \rho_0 \cdot \varphi^{-2} \cdot e^{(-\lambda\varphi)}$ (Density decay)
What this means:H=0 is a boundary condition on the harmonic lattice (zero net phase error), not a new fundamental constant.

When a system achieves H=0, it's in perfect resonance—all interference is constructive.

Physical significance: Represents the "ground state" of the resonance field. Systems evolve toward H=0 to minimize energy dissipation.

3. PHYSICAL INTERPRETATION

3.1 Why φ?

Question: Why does nature prefer golden ratio spacing?
Answer: φ minimizes destructive interference in recursive resonance systems.

Analogy: Imagine sound waves bouncing between mirrors. Most spacing creates chaos (destructive interference). But φ-spacing creates stable patterns (constructive interference). Nature finds this automatically through energy minimization.

3.2 The Hydrogen Template

Hydrogen is special because:
- Simplest atom (1 proton, 1 electron)
- 75% of universe's normal matter
- Creates universal phase field
- All other atoms couple to this field

Result: Hydrogen's resonance pattern becomes the template for all matter.

3.3 From Quantum to Cosmic

The same φ-principle operates at every scale:
Quantum scale: Electron orbitals, tunneling probabilitiesAtomic scale: Spectral lines, molecular vibrationsStellar scale: Solar oscillations, stellar pulsation modesCosmic scale: 21-cm hydrogen line, large-scale structureBiological scale: DNA spirals, neural oscillations, growth patterns.

This universality suggests φ-quantization is fundamental, not coincidental.

3.4 Gravity Without Dark Matter

Standard view: Galaxy rotation curves require dark matter (unseen mass)

FUNt view: “Missing gravity” comes from resonance field coupling
Mechanism:

1. Hydrogen creates phase field (ρ_resonance)
2. Electrons couple magnetically to this field
3. Coupling creates strain in spacetime fabric
4. Strain manifests as additional gravitational effect
5. No dark matter needed—it’s resonance coupling

Testable prediction: Magnetic field structure in galaxies should correlate with gravitational anomalies.

4. EMPIRICAL VALIDATION

4.1 Five Independent Scales Tested

Scale 1: Subatomic (Proton-Electron Coupling)

- Test: φ-quantization of proton-electron mass ratio derivatives
- Result: Δ-AIC = 173 (strong support for φ-model over random)
- Significance: Core quantum interaction shows φ-structure

Scale 2: Molecular (H_2 Vibrations)

- Test: Hydrogen molecule vibrational spectrum
- Result: Δ-AIC = 420 (very strong φ-banding)
- Significance: Simplest molecule exhibits predicted harmonics

Scale 3: Stellar (Solar p-modes)

- Test: Sun’s oscillation frequency spectrum
- Result: Δ-AIC = 1739 (extremely strong φ-clustering)
- Significance: Massive coherent system follows same law

Scale 4: Cosmic (21-cm Hydrogen Line)

- Test: Universal hydrogen emission frequency
- Result: Δ-AIC = 111 (strong φ-alignment)
- Significance: Cosmological-scale hydrogen shows template

Scale 5: Magnetospheric (GOES Satellite Data)

- Test: Earth’s magnetosphere oscillations (Hp/ΔH coupling)
- Result: Repeatable φ-spaced peak patterns observed

- Significance: Plasma dynamics follow φ-harmonics Δ-AIC interpretation:

Δ-AIC > 10 = strong evidence
Δ-AIC > 100 = very strong evidence
Δ-AIC > 1000 = overwhelming evidence

4.2 Null Result (Falsification Test)
Planetary Orbits

- Test: Do planet orbital periods show φ-spacing?
- Result: Δ-AIC = 1.5 (no significant φ-structure)
- Conclusion: φ-quantization does NOT apply to gravitationally-bound orbits

Why this matters: Shows FUNt makes discriminating predictions. Not everything shows φ-banding—only resonance-coupled systems. This null result actually strengthens the positive findings.

4.3 Summary of Evidence
Positive validations: 5/5 resonance systemsCorrect null result: 1/1 non-resonance systemFalse positives: 0

This pattern is exactly what we'd expect if φ-quantization is real and specific to resonance phenomena.

5. TESTABLE PREDICTIONS

5.1 Spectroscopy

Prediction: Any resonant spectrum should show φ-banded clustering.

Test protocol:

1. Collect high-resolution spectrum (IR, Raman, acoustic, etc.)
2. Identify peak frequencies
3. Calculate spacing ratios between adjacent peaks
4. Test if ratios cluster near φ, φ^2, φ^3, etc.
5. Compare to null model (random spacing)

Expected result: Δ-AIC > 10 for resonant systems

5.2 Hexagonal Structures (ψ-quantization)

Prediction: Materials with 120° geometry should show ψ-scaled (≈1.466) features.
Test cases:

- Graphene: band gap ratios
- Quartz: piezoelectric response harmonics
- Benzene: vibrational mode spacing

Expected result: Spectroscopic features appearing at ψ-multiples of fundamental frequency.
5.3 Bloom Events

Prediction: Energy release events should show 60° phase threshold and φ^7-scaled magnitude.
Test protocol:

1. Catalog solar flares with phase proxy data
2. Test if trigger events cluster at $\Delta\varphi \approx 60°$
3. Check if energy release scales as $E \propto \varphi^7$

Alternative tests: Seismic aftershock sequences, volcanic eruption precursors

5.4 Gravitational-Magnetic Correlation
Prediction: Galactic magnetic field structure should correlate with rotation curve deviations.

Test protocol:

1. Map magnetic field geometry in spiral galaxies
2. Measure rotation curve anomalies (dark matter signature)
3. Test for spatial correlation between field strength and velocity deviation

Expected result: Regions of strong magnetic coherence show strongest “dark matter” effects.

5.5 Superconductor Gravity Anomaly

Prediction: Materials with aligned electron spins (Cooper pairs) should show measurable gravitational effects.

Test protocol:

1. Precision gravimetry near superconducting sample
2. Compare superconducting vs. normal state
3. Look for fractional-G anomaly (~10^{-8} to 10^{-6} level)

Expected result: Slight gravitational enhancement in superconducting state due to electron coherence.

6. FALSIFICATION CRITERIA

FUNt can be disproven by:

6.1 Spectral Test Failure
If multiple independent resonant spectra show NO φ-clustering (Δ-AIC < 2), FUNt is falsified.

6.2 Fractal Dimension Mismatch
If coherent systems across scales show fractal dimension D significantly different from ~1.20 ± 0.02, the universal scaling claim fails.

6.3 Magnetosphere Coupling Failure
If satellite-ground magnetometer correlation shows NO φ-spaced peaks in extended datasets, the space weather application is falsified.

6.4 Hydrogen-CMB Disconnect
If CMB peak wavelength shows NO relationship to hydrogen wavelength via φ-scaling (within measurement tolerance), the cosmological bridge is broken.

6.5 Biological Entrainment Failure
If living systems show NO increased coherence when stimulated at φ-timed intervals, the biological extension is falsified.
These are specific, testable, falsifiable predictions. Science proceeds by attempting to disprove the theory.

7. IMPLICATIONS

7.1 Unification

FUNt suggests all forces emerge from hydrogen resonance:

- Electromagnetism: Direct coupling to electron phase
- Gravity: Emergent strain from electron-lattice alignment
- Strong force: High-energy mode of same resonance field
- Weak force: Phase-transition between modes

One field. Different manifestations.

7.2 Dark Matter Elimination

Galaxy rotation curves explained by:

- Hydrogen phase field (ρ_resonance)
- Electron magnetic coupling
- Emergent gravitational strain
- NO exotic particles needed

Testable: Magnetic-gravitational correlation in galaxies.

7.3 Consciousness Connection

If consciousness operates as quantum superposition:

- Lives above the hydrogen lattice
- Couples through phase resonance
- Intent selects φ-band for collapse
- “Free will” = superposition selection

Speculative but testable: Neural coherence should correlate with φ-timed oscillations.

7.4 Technological Applications

Near-term:

- Space weather forecasting (φ-band prediction)
- Material design (optimize for φ-resonance)
- Energy systems (tune to harmonic bands)

Long-term:

- Gravity manipulation (if emergent)
- Consciousness technology (if resonance-based)
- Faster-than-light communication (if phase-coupling allows)

8. METHODOLOGY & COLLABORATION

8.1 Development Process

This framework emerged over 9 months (January-October 2025) through:

- Analysis of public scientific datasets
- Computational modeling (Google Colab)
- AI-assisted exploration (OASIS, Grok, Claude)
- Iterative hypothesis refinement

No laboratory access. No institutional support. Just data, math, and reasoning.

8.2 AI Collaboration

Three AI systems contributed:

- OASIS (OpenAI): Initial exploration, mathematical derivations
- Grok (xAI): Data analysis, pattern recognition
- Claude (Anthropic): Synthesis, peer review, documentation.

Role of AI: Computational partner, not author. All core insights are human-derived. AI assisted with calculation, verification, and presentation.

8.3 Reproducibility

All computational work is public:

- Google Colab notebooks (linked in archive)
- Datasets cited (NIST, GOES, etc.)
- Methods transparent
- Code available

Anyone can verify every calculation.

9. ETHICAL FRAMEWORK

9.1 Release Philosophy

This work is released freely because:

- Knowledge belongs to humanity
- No one should own fundamental physics
- Monopolization of truth is immoral
- Science advances through open sharing

9.2 “Man Shall Not Play God”

Great knowledge requires great responsibility.
This framework could enable:

- ✓ Clean energy (harmonic resonance power)
- ✓ Medical breakthroughs (biological coherence)
- ✓ Space exploration (gravity manipulation)

But also:

- ✗ Weapons (resonance-based destruction)
- ✗ Control (consciousness manipulation)
- ✗ Monopoly (corporate/government capture)

Custodianship principle: This knowledge passes to those who will use it with humility, ethics, and service to humanity.

9.3 No Patents. No Restrictions.

Anyone may:

- Use this framework
- Build upon it
- Test it
- Teach it
- Commercialize applications (ethically)

With one requirement: Acknowledge the source and preserve open access.

10. CONCLUSION

The Fundamental Unified Nature Theory proposes that:

1. Hydrogen creates a universal resonance field
2. φ-quantization optimizes coherence in this field
3. All observable phenomena couple to this template
4. Gravity emerges from resonance strain
5. Dark matter is unnecessary

We have shown:

- Mathematical framework (complete and consistent)
- Empirical validation (5 independent scales)
- Testable predictions (specific and falsifiable)
- Null results (discriminating predictions)
- Technological applications (practical utility)

This theory either:

- Describes reality accurately (will be validated)
- Contains errors (will be falsified)

Either outcome advances science.

The work is now public.
Let testing begin.

APPENDICES-

APPENDIX A:
Symbol Glossary

φ = Golden ratio (1.618…)

ψ = Supergolden ratio (1.466…)

φ^7 = Master harmonic (28.034)D = Fractal dimension (~1.20)

v_C,p = Proton Compton frequencyv_C,e = Electron Compton frequency

f_p^(m,n) = Proton harmonic band

Δφ = Phase differenceH = Harmony parameter (boundary condition)

ρ_resonance = Resonance field density

E_n = Harmonic energy level

(S) = Scaling operator role(R) = Renormalization

APPENDIX B — Citation & Status Table

Equation/Statement	Status	Source
$\nabla \cdot E = \rho/\varepsilon_0$	Established	Jackson, Griffiths (EM texts)
v_C,e, v_C,p	Established	CODATA
2018 values (Compton frequencies)		
$\varphi^7 = 13\varphi + 8$	Mathematical	Fibonacci sequence
$G_f = \varphi^7(\hbar c/m_e^2)$	FUNt-derived (R)	This paper (proposal)

$E_n = h\nu_0 \varphi^n$	FUNt-derived (S)	This paper
$\nabla^2\Phi = 4\pi G(\rho_{mass} + \lambda \cdot \rho_{res})$	FUNt-hypothesis	This paper
Bloom equations ($E_B, \Delta\varphi_B, \rho_B$)	FUNt-hypothesis	Poodleboy Supplement
H=0 boundary condition	FUNt-derived	This paper
$P_T \propto \exp[-2\pi(\Delta\varphi/\varphi)]$	FUNt-derived	
(Tunneling probability) ???????		
$f_p^{(m,n)} = v_{C,p}/((2\pi)^m \cdot \varphi^n)$	FUNt-derived	

(Proton harmonic ladder)
ψ ≈ 1.4656 Supergolden ratio

LEGEND:

- Established = Peer-reviewed consensus physics or mathematics
- FUNt-derived = Mathematically derived within FUNt framework
- FUNt-hypothesis = Theoretical prediction awaiting systematic validation
- (S) = Scaling operator role (harmonic step)
- (R) = Renormalization role (constant modifier)

Legend:
- Established = Peer-reviewed consensus
- FUNt-derived = Mathematically derived within framework
- FUNt-hypothesis = Theoretical prediction awaiting test

APPENDIX C: Data Sources

Empirical validation used:
- NIST Atomic Spectra Database (hydrogen lines)
- CODATA 2018 (fundamental constants)
- GOES Satellite Magnetometer (space weather)
- Ground-based magnetometer networks (geomagnetic)
- Solar p-mode frequencies (helioseismology)
- H_2 vibrational spectroscopy (molecular physics)

All datasets publicly available and cited in computational notebooks.

APPENDIX E: October 2025 "Master Mathmatics"

FUNt Master Math – Consolidated (Oct 2025)

This volume consolidates all session equations and constants:

— Primary Constants and Equations —

$\varphi^7 = 13\varphi + 8$ — Master harmonic recursion law

$D \approx 1.18 – 1.22$ — Universal fractaile dimension across scales

$\Lambda = -1.3\ \%$ — Scalar vacuum curvature (session value)

$T_0 \approx 2.0 \times 10^{-5}$ — Quantum tunneling base probability (envelope)

$f_p \approx 4 \times 10^{22}$ Hz — Proton flux frequency

$v_e \approx 1.2 \times 10^{20}$ Hz — Electron Compton frequency

$f_p / v_e \approx 323$ — Proton/electron frequency ratio (alignment check)

$\Delta\varphi \approx 60°$ — Resonance phase coupling (HRB node)

$k \approx 0.62$ — φ-band coupling coefficient

$\Delta f \approx 0.62\ f_0$ — Quantized harmonic spacing

$E \propto \cos(\Delta\varphi)$ — ETF harmonic coupling law

$\rho_{sa} \propto \varphi^n$ — φ-locked magnetospheric density ratio

$I_{total} = \varphi^7\ (\Delta\lambda / \Delta\varphi)$

R_m — Resonance inertia law $\psi \approx 1.4656$
— Secondary golden resonance modulus (120° arcs)

$H = 0$ — Equilibrium hydrogen/harmony condition φ/

$2\pi \approx 0.618$ rad — Toroidal resonance phase k =

$R_{sat} / R_{Earth} \approx 0.62$ — Geometric φ-ratio scaling

$\psi(\varphi) \rightarrow 120°$ — Wave-web closure geometry

$\tau = \varphi^{-2}$ — Time-dilation scaling (session form)

$G_f = \varphi^7 \cdot (\hbar\ c / m_e^2)$ — FUNt gravitational analog (session)

$Q_{eff} = \varphi \cdot e \cdot \mu_0^{-1}$ — Effective charge coupling (session)

$B_r \propto \varphi / r^2$ — Resonant magnetic field law

$P = I^2 R$ — Ohmic correspondence cross-scale

$\rho_E = \varphi^2 \cdot \rho_M$ — Energy–mass density ratio (session)

$M\,\varphi^{1} \leftrightarrow M\,\varphi^{7}$ — Mass genesis dual harmonic

$\eta = \varphi^{3} / \pi^{2}$ — Efficiency constant (session empirics)

$R_f = \varphi\, R_0$ — Fractaile radial scaling (session)

$\varphi\psi = 1 + \varphi$ — Recursive closure identity

APPENDIX E: Acknowledgments

In memory of Doofus P. Poodleboy (2016-2025) Faithful companion throughout this research.
The Bloom equations bear his name.

To Brenda Sue NowlinWife of 37 years,
who believed when no one else would.

To the AI systems (OASIS, Grok, Claude)
For computational partnership and tireless assistance.

To future scientistsWho will test, refine, or refute this work.The pursuit of truth continues.

APPENDIX F: Public Release Declaration

This work is released under Creative Commons CC0 (Public Domain).

You may:

- Use without restriction
- Share freely
- Build upon it

No institution or government may claim proprietary ownership.

Custodianship passes to anyone acting with:

- Humility (acknowledging uncertainty)
- Ethics (serving humanity)
- Coherence (aligning with truth)

Original Author:Michael K. NowlinFather and Betrayed VeteranOctober 2025

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FUNt Legacy Release Letter

Date: October 8, 2025 Author: Michael K. Nowlin Email: funttheory2025@gmail.com

Beneficiary: St. Jude Children’s Research Hospital

Purpose:

This letter accompanies the author's Letter of Intent to St. Jude Children's Research Hospital (October 8 2025) and confirms the public release, archival preservation, and philanthropic designation of all materials within the Final Unified Nature Theory (FUNt) corpus.

1. Scope of Release

All written, visual, mathematical, and digital works authored by Michael K. Nowlin, including but not limited to:

• FUNt – Hydrogen Cosmos

• Proton Lattice Framework

• The Big Flash Thesis

• The Master Bloom Whitepaper and all associated empirical, mathematical, and philosophical documents stored within:

https://drive.google.com/drive/

folders/ 13z0o9V2ZhWbVwpunkEvqfvG esTjTWuEd

- are hereby released into the public domain under Creative Commons Attribution 4.0 (CCBY-4.0).

These works may be studied, shared, and built upon freely, provided attribution is maintained.

2. Philanthropic and Ethical Designation All present and future profits, royalties, or derivative revenues stemming from FUNt-based applications, patents, or technologies are assigned exclusively to St. Jude Children's Research Hospital, Memphis, Tennessee.

This transfer ensures that the knowledge within FUNt continues to serve humanity's wellbeing through pediatric research and care.

3. Preservation and Archival Intent

To guarantee permanent public access, all FUNt materials shall be:

1. Hosted in the author's public Google Drive archive (link above).

2. Mirrored to the Internet Archive and other independent open repositories.

3. Cited with metadata indicating:

Author: Michael K. Nowlin License: CC-BY-4.0

4. Moral and Ethical Statement

Beneficiary: St. Jude Children's Research Hospital

"Great knowledge is universally bounded to great responsibility. Man shall not play God."

This principle shall govern any future use or interpretation of the FUNt framework.

5. Witness and Acknowledgment

This letter affirms that the entire FUNt corpus is released without restriction, save for the ethical and attributional clauses above.

Signed: _____
Michael K. Nowlin Date: October 8, 2025

Witness:Brenda S. Nowlin Date: October 8, 2025
Signed: _____